

OEP Report Card Accomplishments

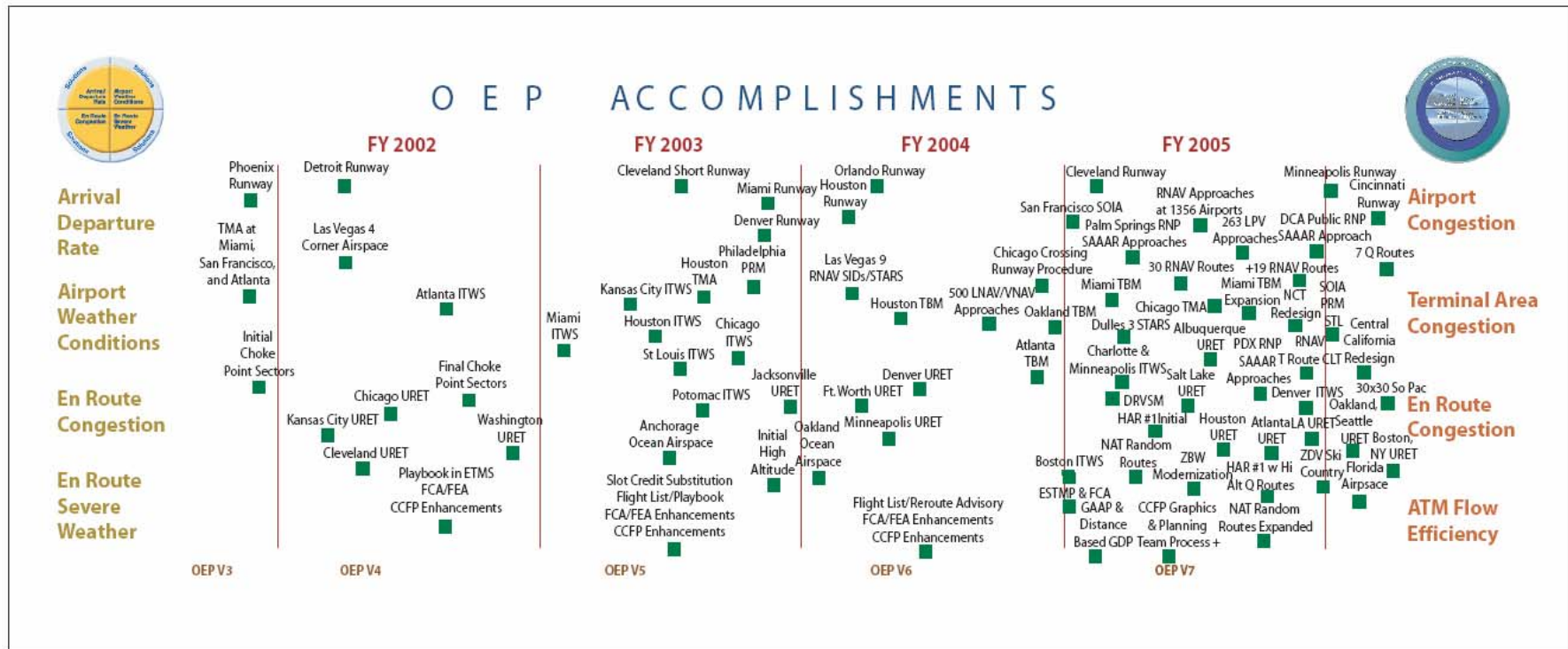
May 2006



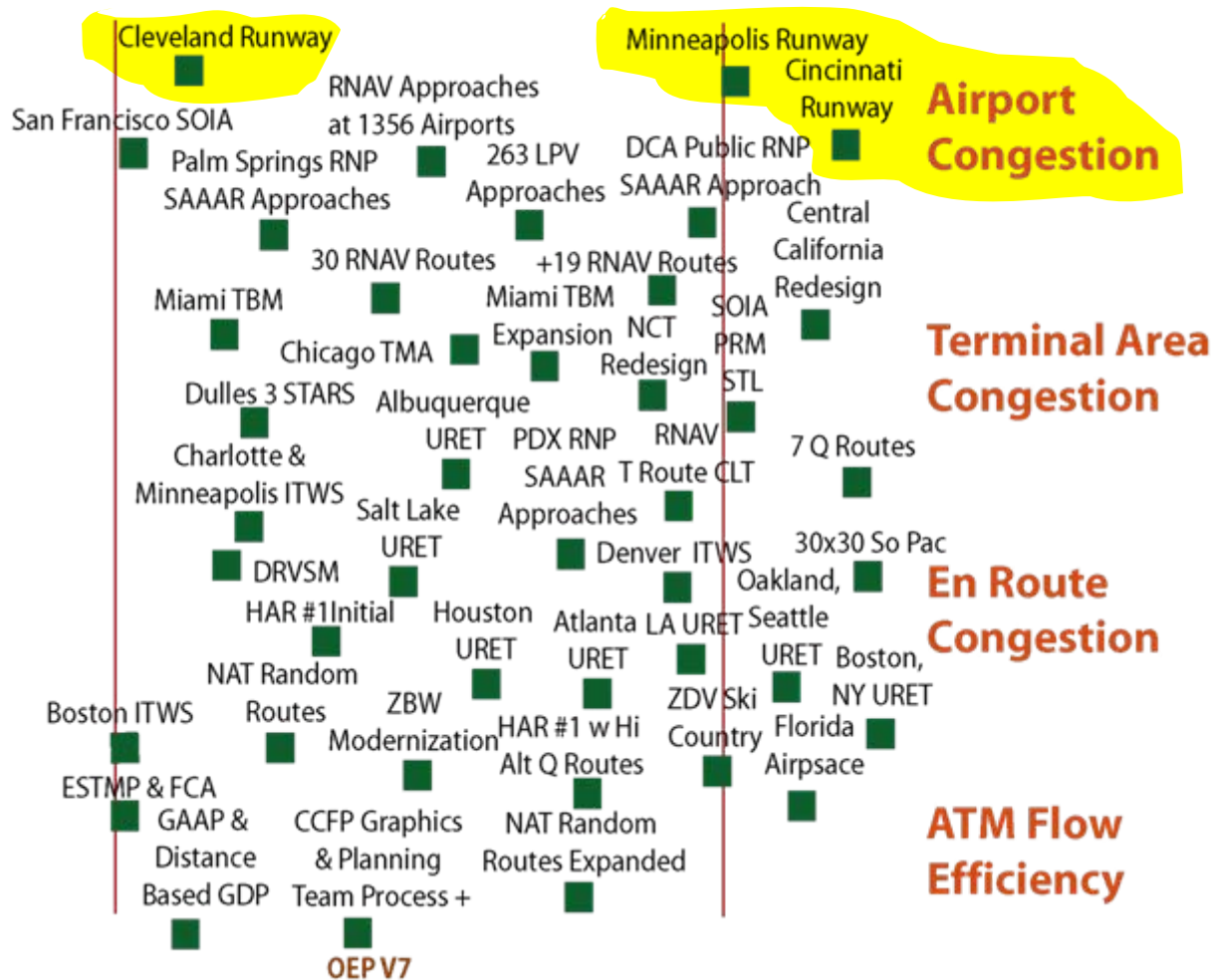
Federal Aviation
Administration



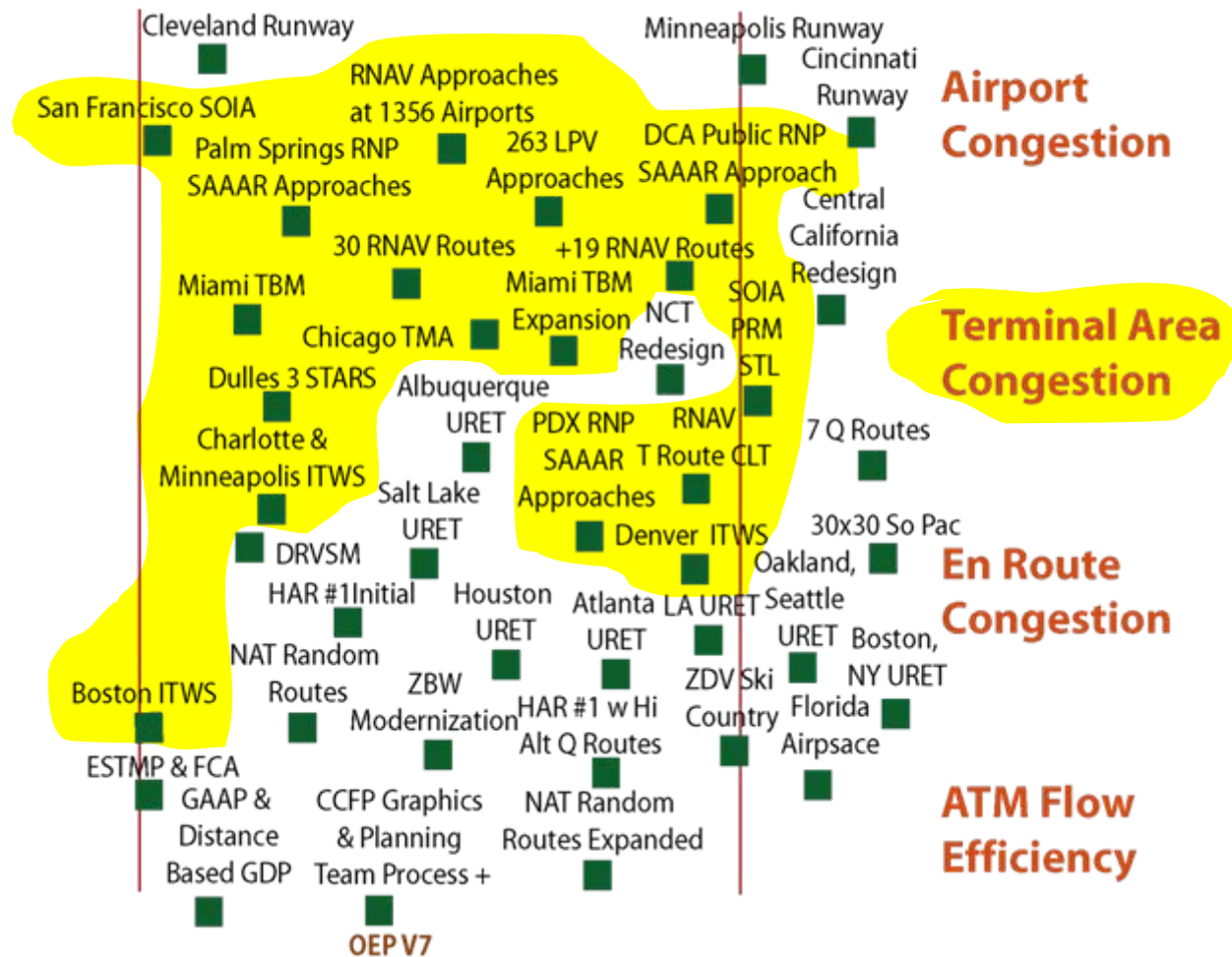
OEP Accomplishments Summary



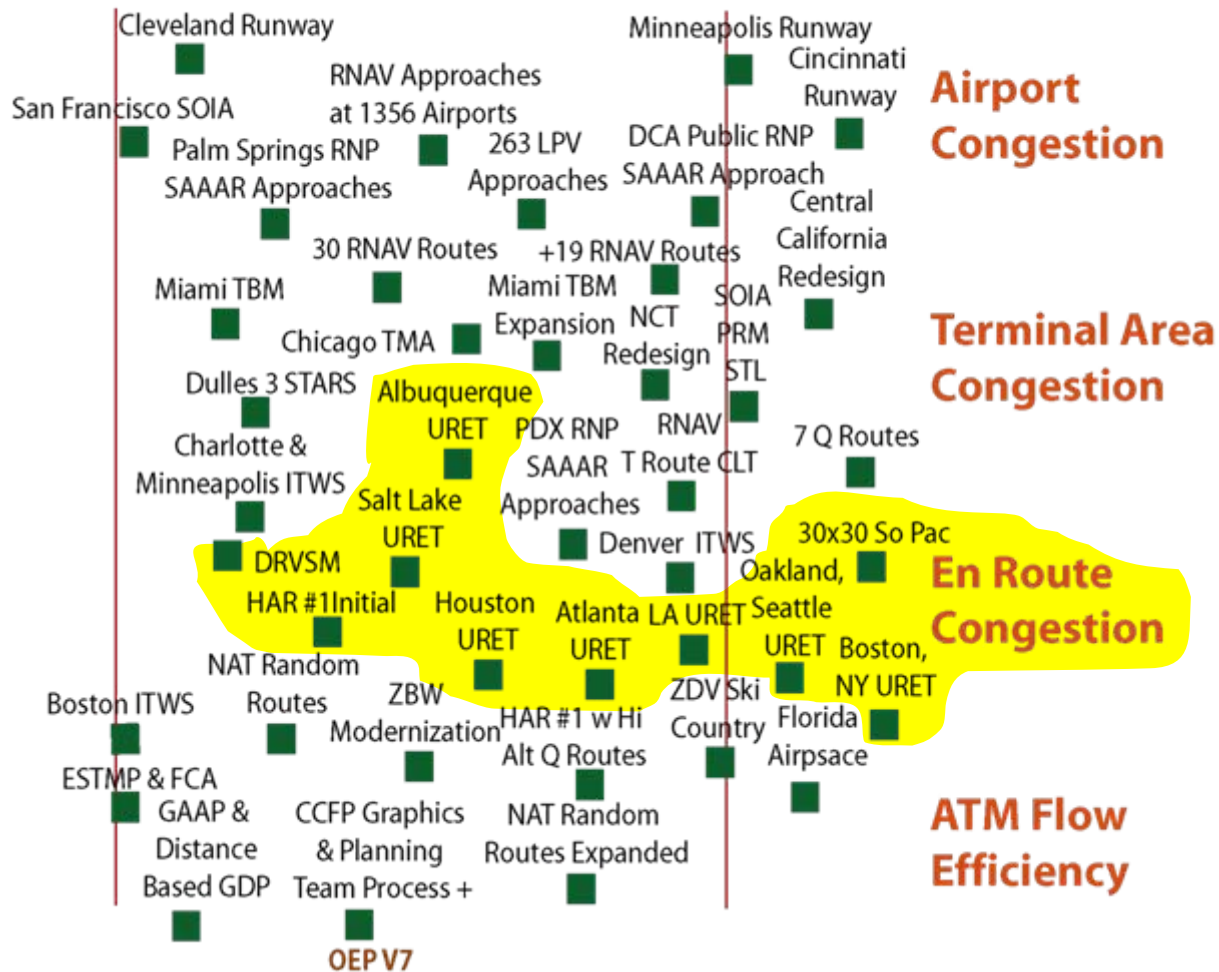
FY 2005



FY 2005



FY 2005



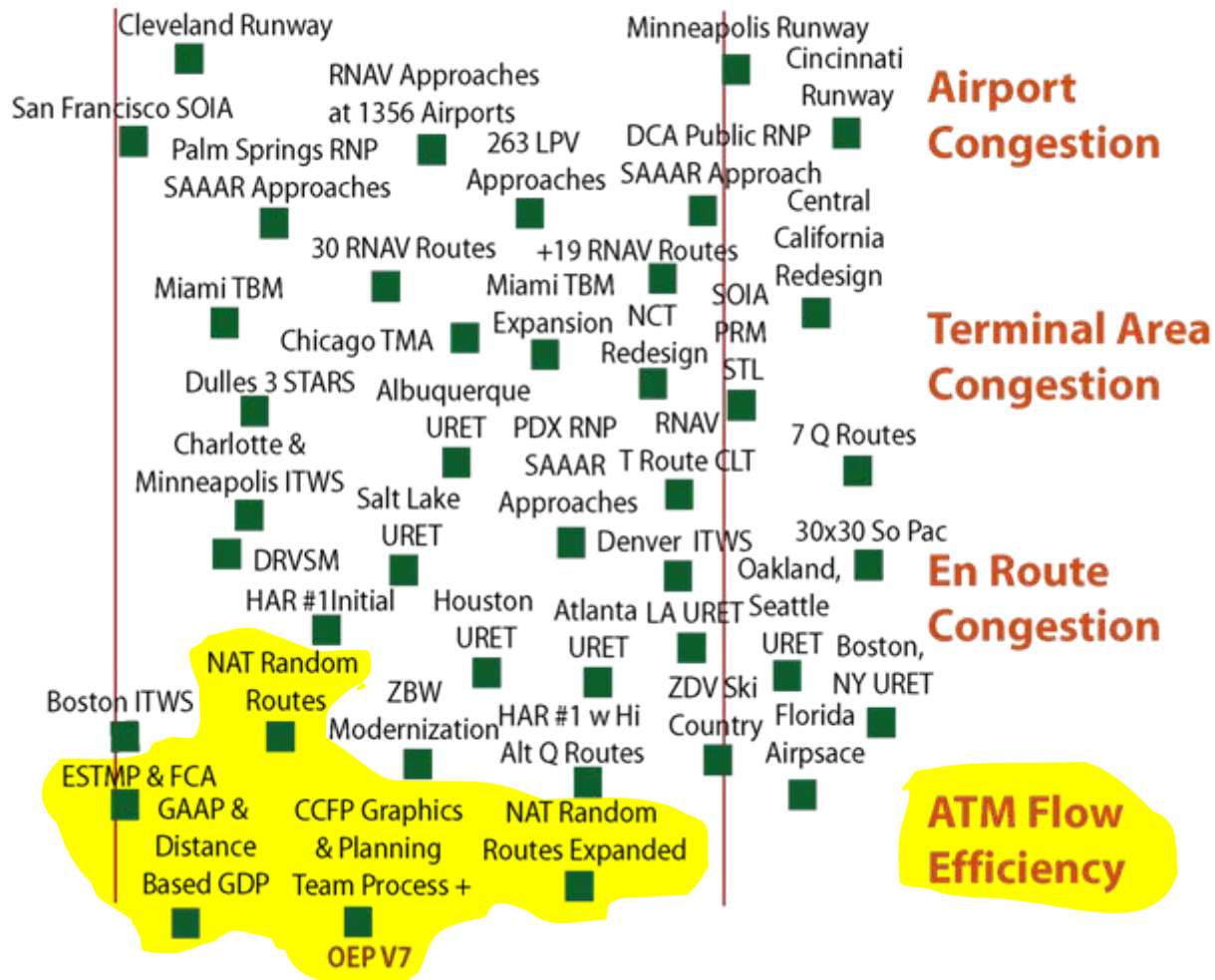
Map Labels:

- Cleveland Runway
- San Francisco SOIA
- Palm Springs RNP
- SAAAR Approaches
- RNAV Approaches at 1356 Airports
- 263 LPV Approaches
- DCA Public RNP
- SAAAR Approach
- Cincinnati Runway
- Central California Redesign
- Miami TBM
- Chicago TMA Expansion
- NCT Redesign
- SOIA PRM
- STL
- Dulles 3 STARS
- Albuquerque
- URET
- PDX RNP
- RNAV
- SAAAR T Route
- CLT
- Charlotte & Minneapolis ITWS
- Salt Lake
- URET
- Denver ITWS
- 30x30 So Pac
- Oakland
- Seattle
- Boston ITWS
- Routes
- ZBW Modernization
- HAR #1 w Hi Alt Q Routes
- ZDV Ski Country
- Florida Airspace
- NAT Random
- Routes Expanded
- CCFFP Graphics & Planning Team Process +
- GAAP & Distance Based GDP
- ESTMP & FCA
- OEP V7

Regional Labels:

- Airport Congestion** (Red)
- Terminal Area Congestion** (Yellow)
- En Route Congestion** (Yellow)
- ATM Flow Efficiency** (Red)

FY 2005



OEP Commitments: New and Extended Runways

Completed: Phoenix, Detroit, Denver, Miami, Cleveland, Houston, Orlando, Minneapolis, Cincinnati

FY06: St. Louis, Atlanta

Future: Boston, Philadelphia extension, Los Angeles, Seattle

Benefits through FY06:

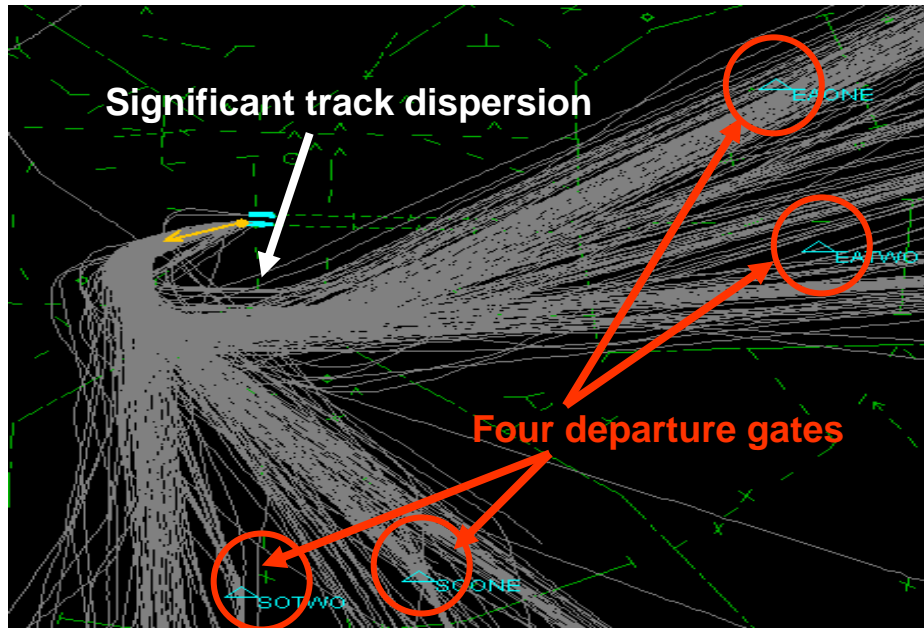
- Capacity increase to accommodate about 1.6 million more annual operations.
- Decrease average delay per operation at these airports by approx. 5 minutes.



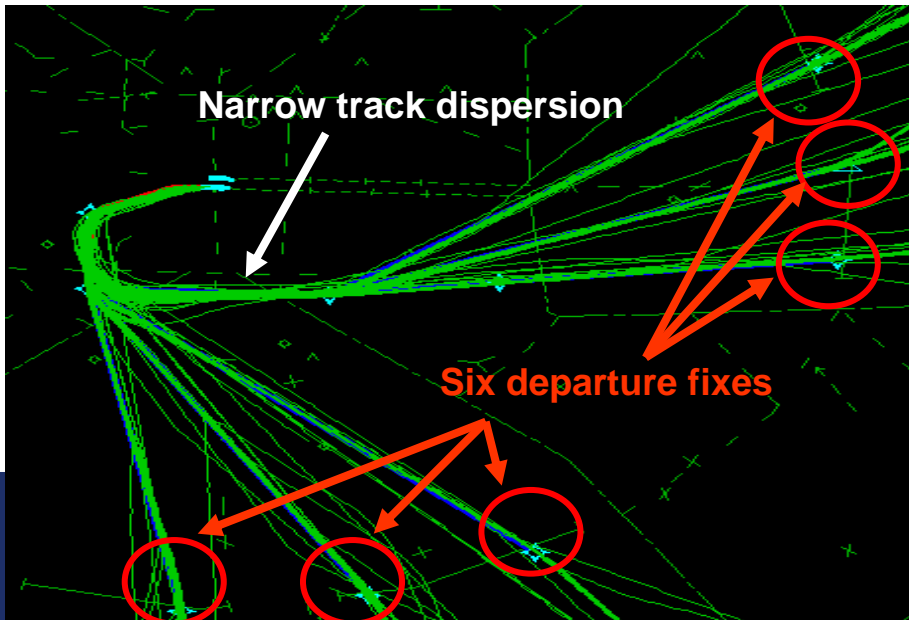
Atlanta Runway 10/28 opening June 06



Before RNAV



After RNAV



RNAV Standard Instrument Departure Procedures (SIDs)

Hartsfield – Jackson Atlanta International Airport
Atlanta, Georgia, USA

Annual airline savings:

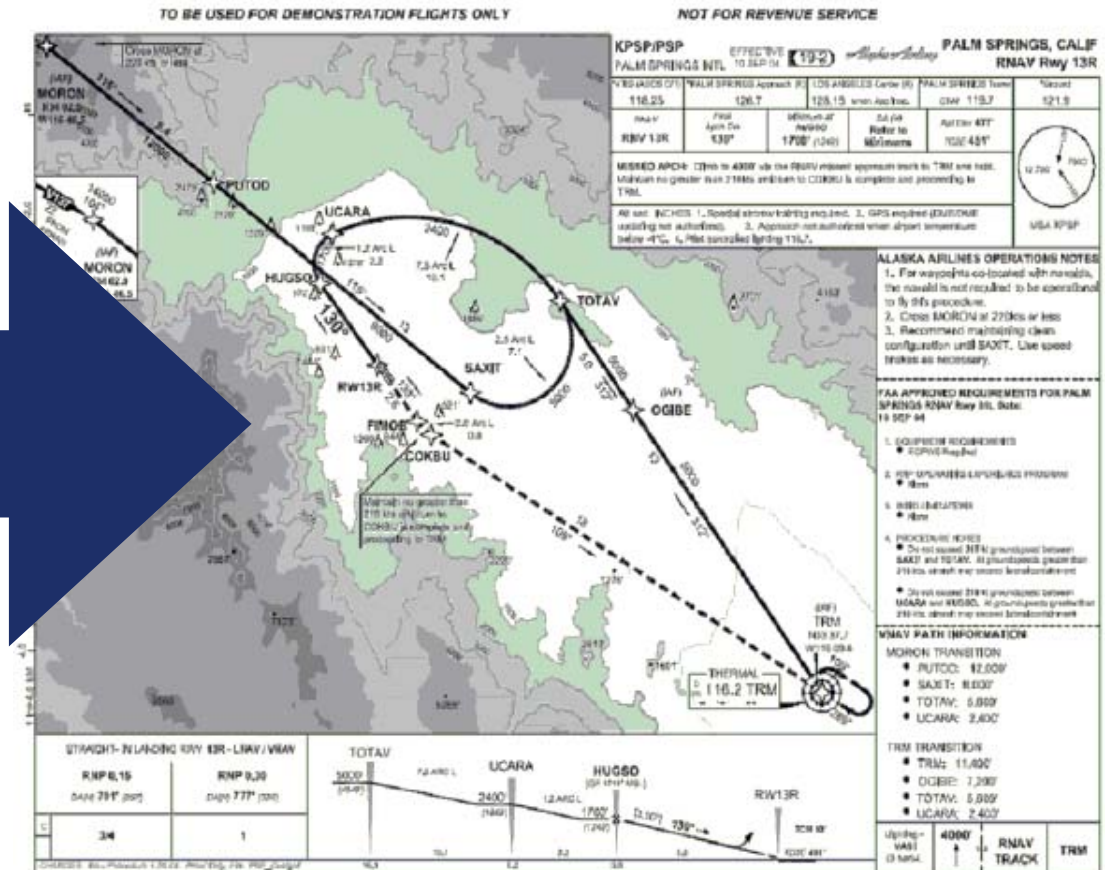
- \$10M from reduced taxi time
- \$4M from reduced flying distance on arrivals
- \$1M from earlier climb achievement
- \$1M from reduced flying distance on departures.

Five RNP SAAAR Approaches

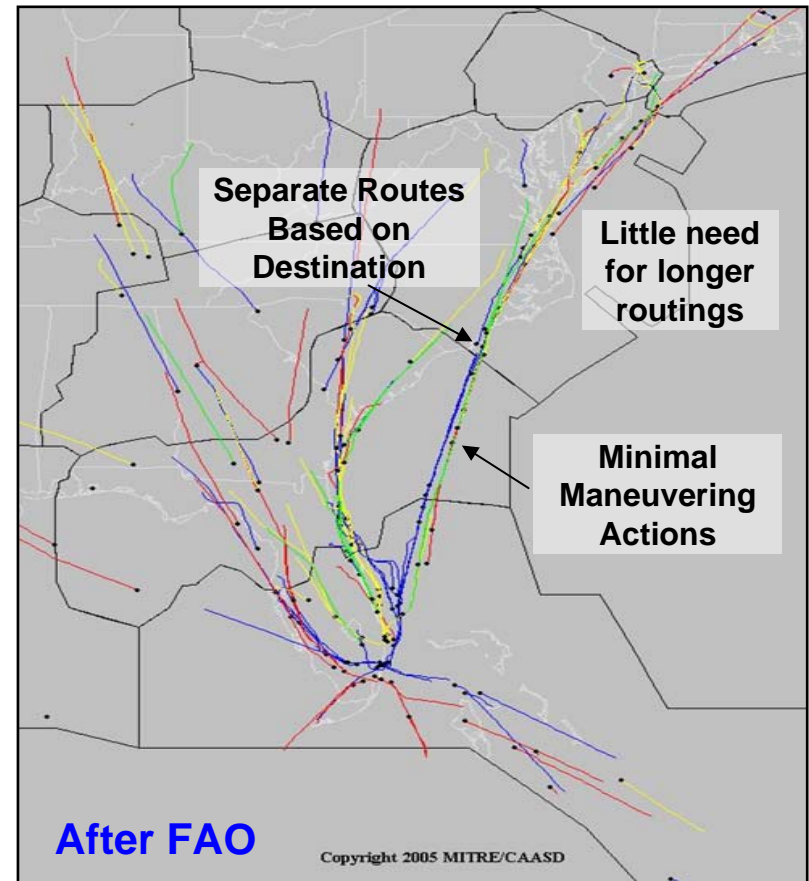
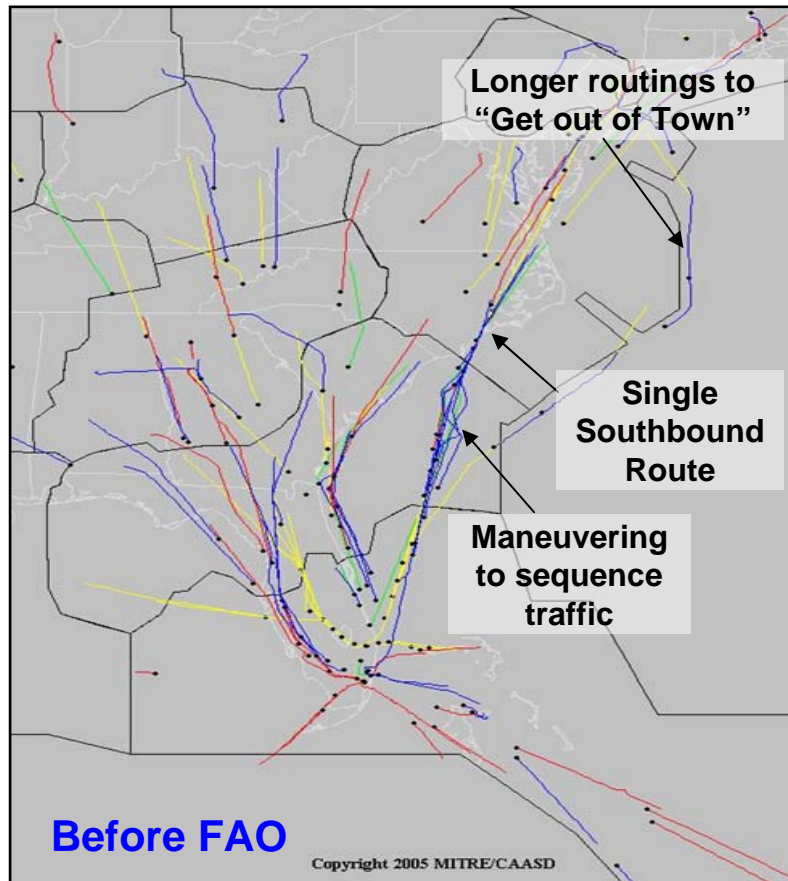
Special Aircraft and Aircrew Requirements

Benefits:

Since January 2005, the approach allowed Alaska Airlines to complete 27 flights that would otherwise have been diverted to an airport 70 miles away. Each save is worth \$5,000 to \$10,000.



Florida Airspace Optimization: Comparison 2004/2005 Thanksgiving Traffic

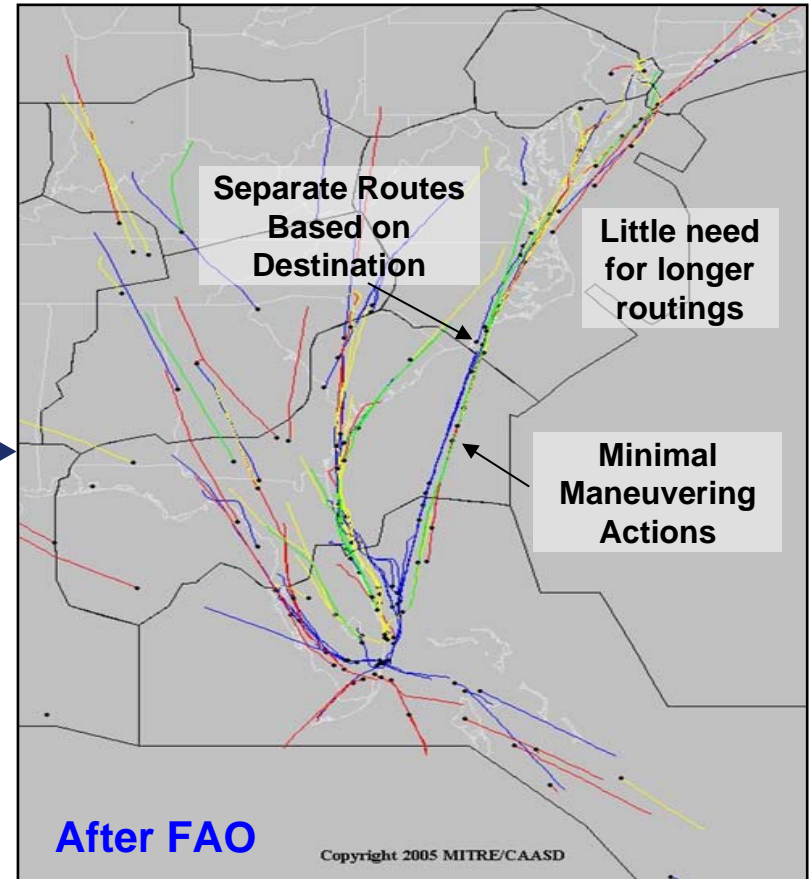
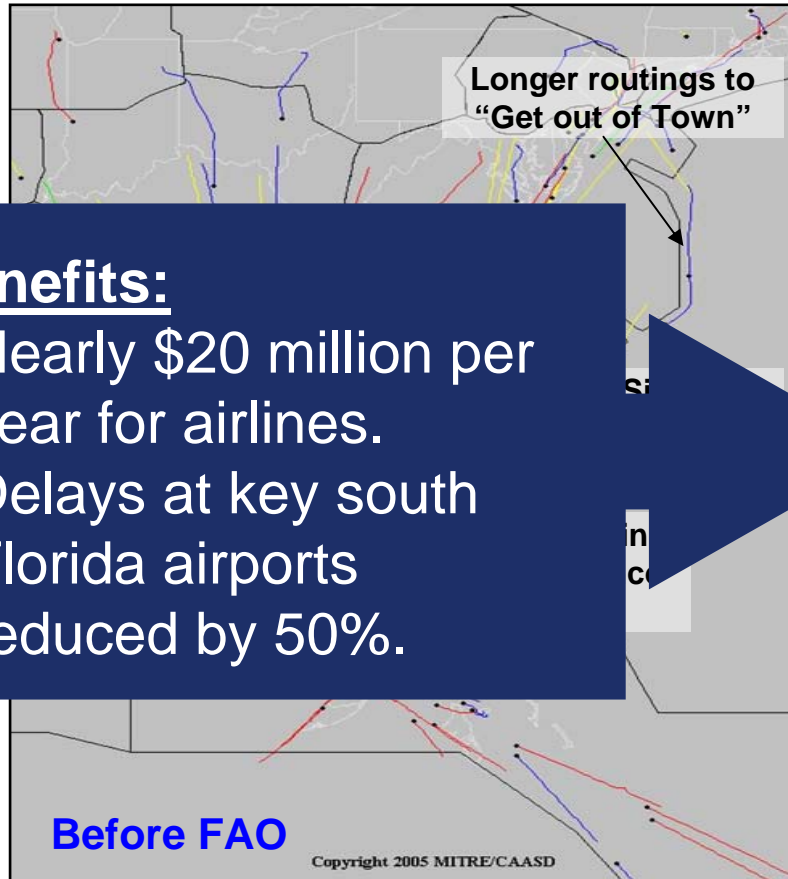


These two snapshots illustrates traffic flows to FLL, PBI, MIA, SUA & BCT from 1600 to 1730Z on Thanksgiving Wednesday, first for 2004 and then for 2005

Florida Airspace Optimization: Comparison 2004/2005 Thanksgiving Traffic

Benefits:

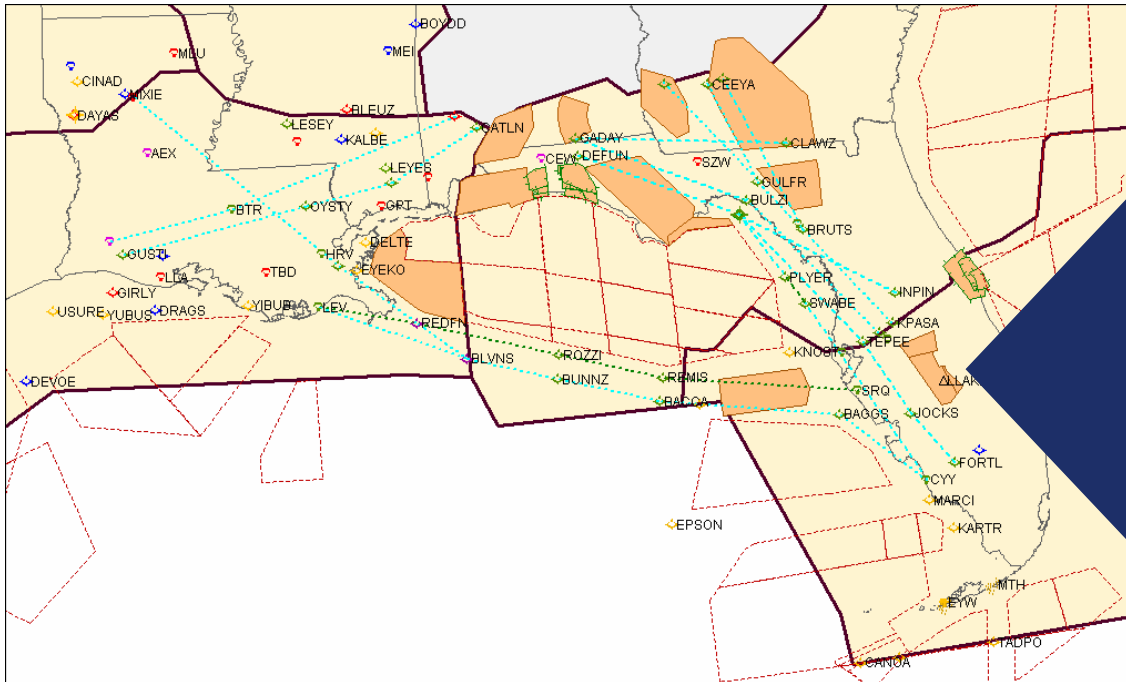
- Nearly \$20 million per year for airlines.
- Delays at key south Florida airports reduced by 50%.



These two snapshots illustrate traffic flows to FLL, PBI, MIA, SUA & BCT from 1600 to 1730Z on Thanksgiving Wednesday, first for 2004 and then for 2005

OEP Commitments: Airspace Redesign

High Altitude Redesign (HAR) Phase 1 with Q-Routes:



Florida Q-Routes

Benefits:

- Reduces flight distances between applicable city pairs by as much as 20 miles.
- Conservatively saves \$7M annually.

OEP Commitments: Decision Support Tools

User Request Evaluation Tool (URET)

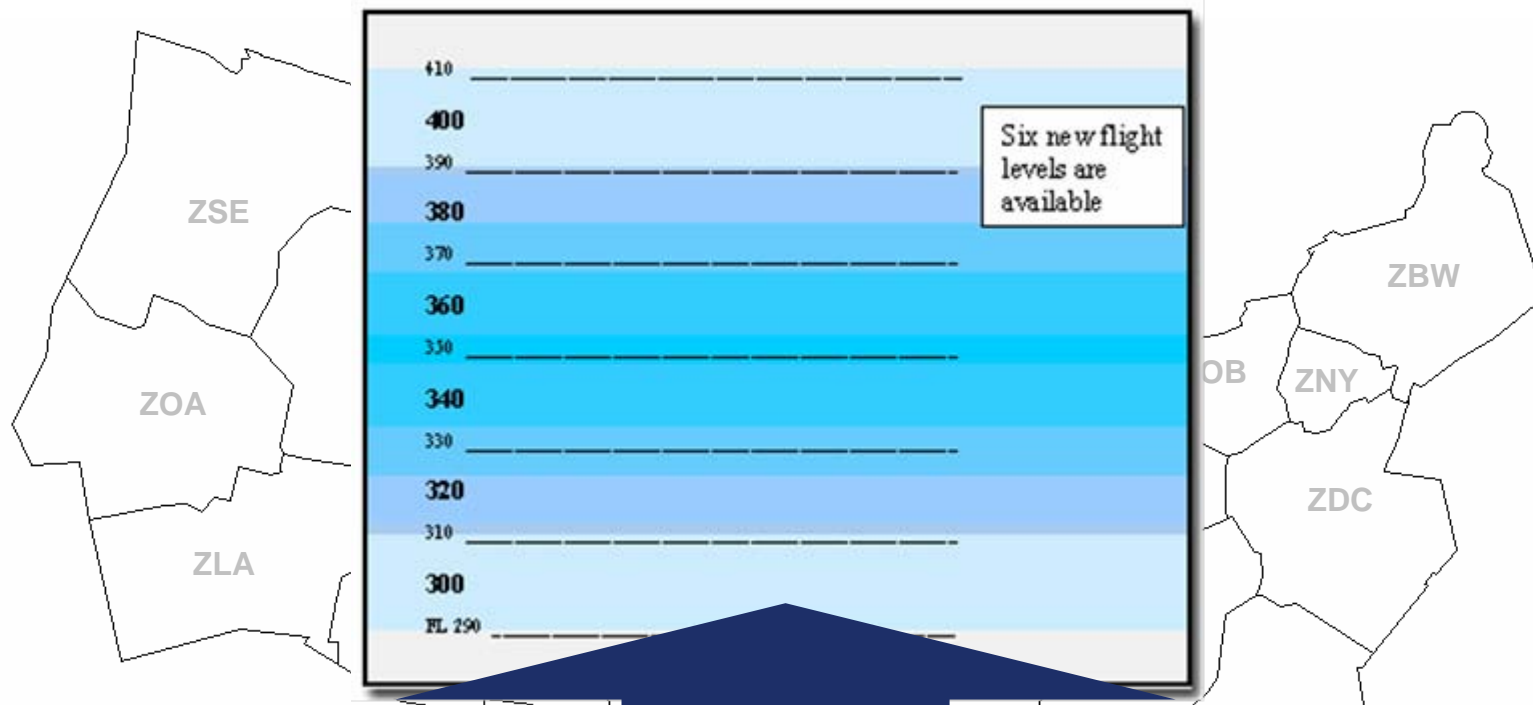
Pilots may request changes to their flight plans while en route to take advantage of more fuel-efficient altitudes and wind-optimal routes, which can save time and money. URET helps controllers determine whether these changes can be accommodated.

Benefits:

As of December 2005, all URET sites saved over 70 million route miles and over \$450 million in fuel.



OEP Commitments: Domestic Reduced Vertical Separation



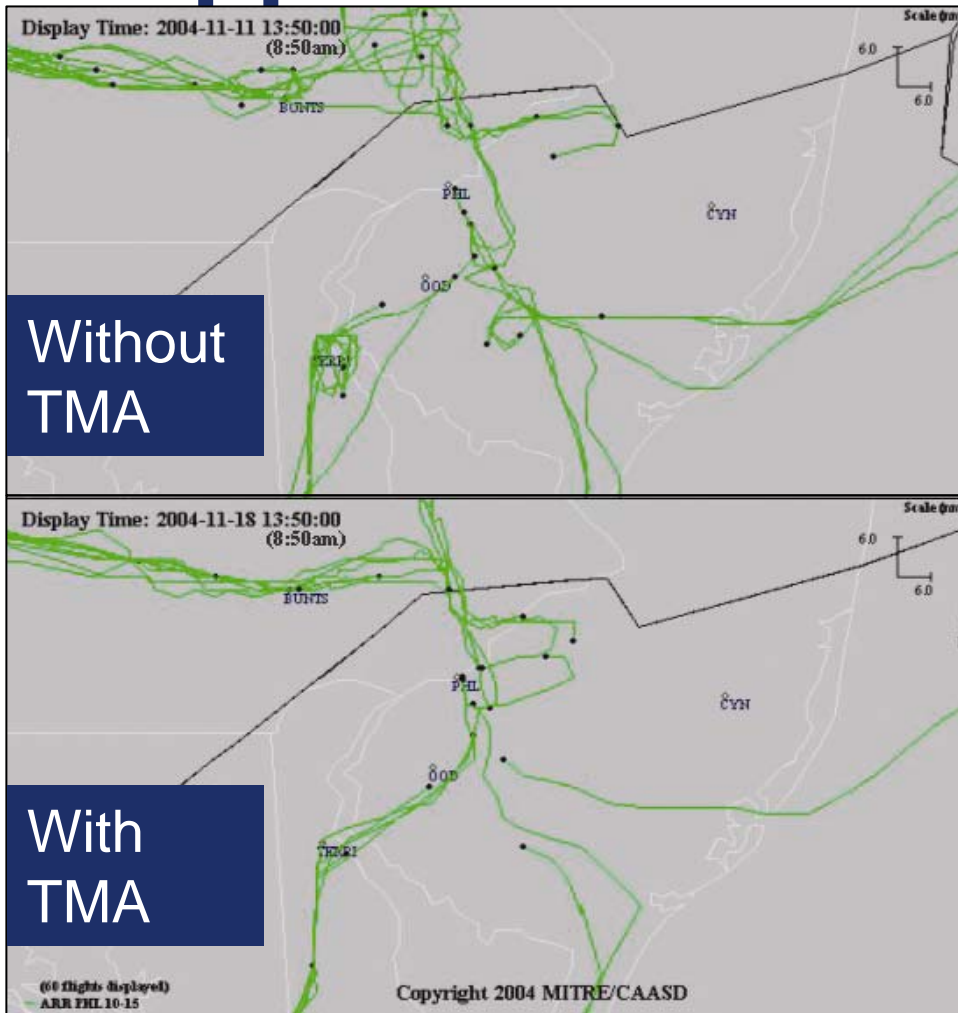
Annual airline savings:

A first year fuel savings of \$393 million has been calculated for the domestic US due to DRVSM.

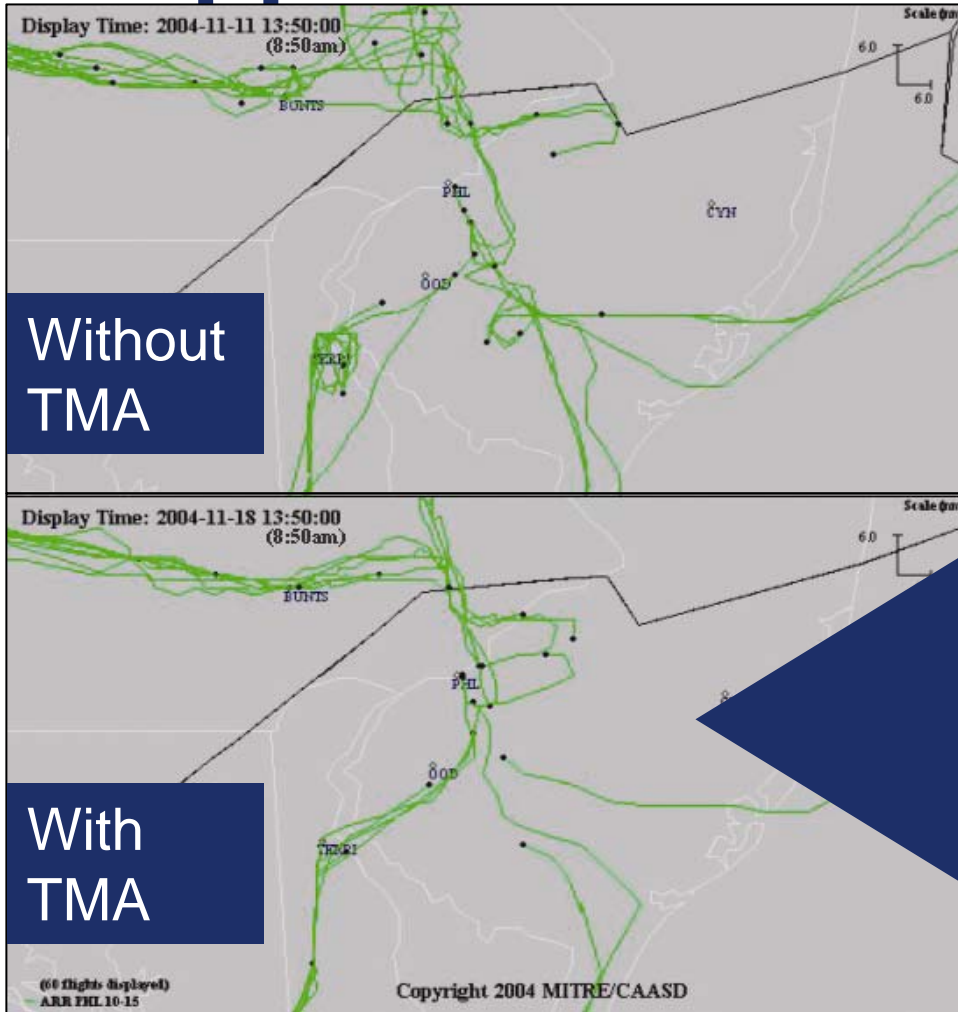
OEP Commitments: Decision Support Tools

Traffic Management Advisor

Analyzes all arrival aircraft flight plans, weather data and local airport operating procedures and recommends the most efficient arrival sequence. Allows time-based metering.



OEP Commitments: Decision Support Tools



Traffic Management Advisor

Analyzes all arrival aircraft flight plans, weather data and local airport operating procedures and recommends

Benefits:

- Increases peak airport operations 3-5%; add'l 5% with time-based metering.
- As of December 2005, TMA has saved the aviation industry \$130.7M